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FACSIMILE COVER SHEET

October 13, 2004

Receiver: **U.S. Patent and Trademark Office**

TEL #:

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Sender: Lara M. Nelson for Ramin Mahboubian

Our Ref. No.: SUN1P832/P6211

Re: Application # **09/919,743**

Pages Including Cover Sheet(s): 3

MESSAGE:

Sir:

Please deliver the attached Application Initiated Interview Request Form to Examiner Tang, Kuo Liang J.

Please enter this in the file.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SOKOLOV et al.

Attorney Docket No.: SUN1P832/P6211

Application No.: 09/919,743

Examiner: TANG, KUO LIANG J

Filed: July 31, 2001

Group: 2122

Title: TWO TIER CLUSTERS FOR REPRESENTATION OF OBJECTS IN JAVA PROGRAMMING ENVIRONMENTS

APPLICANT INITIATED INTERVIEW REQUEST FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Tentative Participants:

1) Ramin MAHBOUBIAN 2)
3) 4)

Proposed Date of Interview: October 27, 2004 Proposed Time: 10:00(AM)

Type of Interview Requested:

☒ Telephone ☐ Personal ☐ Video Conference

Exhibit to be Shown or Demonstrated: ☐ Yes ☒ No
If yes, provide brief description:

ISSUES TO BE DISCUSSED

Issues (Rej., Obj., etc.)	Claims/ Fig., #s	Prior Art	Discussed	Agreed	Not Agreed
1)102 Rejection	claim 8	Grelier	☐	☐	☐
2)			☐	☐	☐
3)			☐	☐	☐

BRIEF DESCRIPTION OF AGRUMENTS TO BE PRESENTED:

1) The cited art does Not teach or suggest:generating or loading in a virtual machine prior to execution time a cluster of Java object representations which are sequentially represented inside the virtual machine, wherein each of the Java object representations in said cluster consists of: a first reference to an internal class representation of a class associated with a Java object, and a second reference to instance fields associated with said Java object.

2.The cited art does Not teach or suggest the combinationof: (a) sequentially reading by the virtual machine at runtime said a cluster of Java object representations, (b) determining by the virtual machine at runtime whether Java objects or Java classes are to be identified; (c) using said first references of the cluster to marking in memory addresses that correspond to Java objects when said determining determines that Java objects are to be identified, thereby allowing Java objects to be identified at run time by a sequential read of said cluster.

8. In a Java computing environment, a method of identifying active Java objects and active Java classes by a virtual machine at runtime, said method comprising:

generating and loading in the virtual machine prior to execution time a cluster of Java object representations which are sequentially represented inside the virtual machine, wherein each of said Java object representations in said cluster consists of:
a first reference to an internal class representation of a class associated with a Java object, and
a second reference to instance fields associated with said Java object;
sequentially reading by said virtual machine at runtime said a cluster of Java object representations, said Java object representations being arranged sequentially;

determining by said virtual machine at runtime whether Java objects or Java classes are to be identified;

using said first references of said cluster to marking in memory addresses that correspond to Java objects when said determining determines that Java objects are to be identified, thereby allowing Java objects to be identified at run time by a sequential read of said cluster; and

using one or more of second first references of said cluster to marking in memory addresses that correspond to Java classes when said determining determines that Java classes are to be identified, thereby allowing Java classes to be identified at run time by a sequential read of said cluster.

An interview was conducted on the above-identified application on .

*Note: This form should be completed be applicant and submitted to the examiner in advance of the interview (see MPEP §713.01). This application will not be delay from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFT 1.33(b)) as soon as possible.

R. MAHBOUBIAN
Reg No. 44,890

(Applicant/Applicant's Representative Signature) (Examiner/SPE Signature)